

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): For a database server, a computer program product for directing the database server to selectively release database system resources associated with a database system operatively coupled with the database server, the database server accessible by applications, the computer program product comprising:

a computer usable medium having computer readable program code embodied in said medium, the computer readable program code comprising:

computer readable program code for receiving requests from one or more applications,

computer readable program code for determining whether a specified application is submitting requests using an online protocol, ~~wherein the computer readable program code for determining whether the specified application is submitting the requests using the online protocol is carried out by the database server receiving a request specifying that the online protocol is to be used and consequently setting an online flag in the database server , and~~

computer readable program code for returning defined error condition indicators to the specified application ~~when the application is determined to be using the online protocol and~~ when the online flag is set and identified system resources are determined to be scarce,

whereby the specified application issues a commit when it is using the online protocol and one of the defined error condition indicators is returned to the application.

2. (original): The computer program product of claim 1, wherein the identified system resources include one or more of log tables and locks.

3. (canceled).

4. (previously presented): The computer program product of claim 1, wherein the computer readable program code for determining whether the specified application is submitting requests using the online protocol is carried out by the database server receiving a database statement including a defined keyword to indicate that the online protocol is being used.

5. (previously presented): A computer-implemented method for directing a database server to selectively release database system resources associated with a database system operatively coupled with the database server, the database server accessible by applications, the method comprising the steps of:

receiving an online protocol indicator from an application, wherein the online protocol indicator comprises the step of adding a pre-defined keyword to a database statement included in a request sent by the application to the database server,

returning a defined error condition indicator to the application when the application has forwarded the online protocol indicator and when identified system resources are determined to be scarce, and

receiving a commit statement from the application when a response from the database server is determined to comprise the defined error condition indicator.

6. (canceled).

7. (original): The method of claim 5, in which the step of receiving, from an application, the online protocol indicator comprises the step of receiving, from the application, a specified command to the database server to set an online flag in the database server.

8. (currently amended): A computer program product for directing an application to access a database server, the database server adapted to selectively release database system resources associated with a database system operatively coupled with the database server, the database server accessible by applications, the computer program product comprising:

a computer usable medium having computer readable program code embodied in said medium, the computer readable program code comprising:

computer readable program code for submitting requests to the database server,

computer readable program code for indicating that requests are submitted using an

online protocol, ~~wherein the computer readable program code for indicating that the requests are submitted using the online protocol comprises computer readable program code for by~~

submitting a request including a defined command to set an online protocol flag in the database server,

computer readable program code for monitoring responses from the database server for defined error condition indicators, when requests have been submitted using the online protocol, and

computer readable program code for issuing a commit statement to the database server when a response from the server is determined to be a defined error condition indicator.

9. (previously presented): The computer program product of claim 8, wherein the computer readable program code for indicating that the requests are submitted using the online protocol comprises computer readable program code for including a specified keyword in a database statement included with a submitted request.

10. (canceled).

11. (new): The computer-implemented method of claim 5, wherein the defined error condition indicator is returned to the application if at least one of a lock list and an active log space is full.

12. (new): The computer-implemented method of claim 11, wherein the database server interrogates the active log to determine if the active log is full.

13. (new): The computer-implemented method of claim 11, wherein the database server interrogates the lock list to determine if the lock list is full.

14. (new): The computer-implemented method of claim 5, wherein the application issues the commit at any time without changing a logic of the application while the application has forwarded the online protocol indicator.

15. (new): The computer-implemented method of claim 5, wherein the request sent by the application to the data base server is one of a statement level and application level flag specification.

16. (new): The computer-implemented method of claim 15, wherein the request includes executing a one time request against the database server if the request is the application level flag specification.

17. (new): The computer-implemented method of claim 15, wherein the request includes preparing a specified online keyword with every SQL statement if the request is the statement level flag specification.